Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055225.D
Acq On : 20 Oct 2022 18:32
Operator : CG/JU
Sample : PB148458BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 21 03:06:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148458BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.288	152	50214	20.000	ng		0.00
21) Naphthalene-d8	11.114	136	221734	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	136048	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	278806	20.000	ng		0.00
76) Chrysene-d12	21.913	240	238533	20.000	ng		0.00
86) Perylene-d12	25.321	264	253882	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.808	112	461767	165.449	ng		0.00
7) Phenol-d6	7.424	99	606269	142.555	ng		0.00
23) Nitrobenzene-d5	9.457	82	379390	82.604	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	192812	136.772	ng		0.00
45) 2-Fluorobiphenyl	13.529	172	739773	86.855	ng		0.00
79) Terphenyl-d14	20.203	244	1083312	84.623	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.617	88	50403	37.135	ng		98
3) Pyridine	4.034	79	142861	33.426	ng		99
4) n-Nitrosodimethylamine	3.946	42	84348	42.174	ng		95
6) Aniline	7.600	93	182636	33.125	ng		100
8) 2-Chlorophenol	7.847	128	163154	48.350	ng		99
9) Benzaldehyde	7.412	77	91667	31.007	ng		97
10) Phenol	7.453	94	214494	44.643	ng		99
11) bis(2-Chloroethyl)ether	7.688	93	162382	43.895	ng		97
12) 1,3-Dichlorobenzene	8.176	146	170505	46.580	ng		98
13) 1,4-Dichlorobenzene	8.323	146	170159	45.507	ng		99
14) 1,2-Dichlorobenzene	8.646	146	166768	46.808	ng		97
15) Benzyl Alcohol	8.517	79	152838m	41.845	ng		
16) 2,2'-oxybis(1-Chloropr...	8.811	45	273578	41.034	ng		98
17) 2-Methylphenol	8.722	107	146895	44.168	ng		98
18) Hexachloroethane	9.386	117	64021	47.302	ng		94
19) n-Nitroso-di-n-propyla...	9.093	70	140406	38.493	ng		97
20) 3+4-Methylphenols	9.046	107	195507	41.823	ng		99
22) Acetophenone	9.116	105	247384	41.246	ng	#	99
24) Nitrobenzene	9.504	77	196531	40.017	ng		95
25) Isophorone	10.027	82	366809	39.036	ng		98
26) 2-Nitrophenol	10.215	139	88991	46.063	ng		99
27) 2,4-Dimethylphenol	10.262	122	159880	51.968	ng		99
28) bis(2-Chloroethoxy)met...	10.503	93	217662	48.204	ng		99
29) 2,4-Dichlorophenol	10.755	162	146498	44.599	ng		97
30) 1,2,4-Trichlorobenzene	10.973	180	146232	43.481	ng		99
31) Naphthalene	11.167	128	499434	42.686	ng		99
32) Benzoic acid	10.403	122	91733	41.655	ng		94
33) 4-Chloroaniline	11.267	127	103129	21.405	ng		97
34) Hexachlorobutadiene	11.443	225	84254	41.488	ng		99
35) Caprolactam	12.030	113	52330m	36.251	ng		
36) 4-Chloro-3-methylphenol	12.365	107	171451	40.142	ng		99
37) 2-Methylnaphthalene	12.747	142	341548	38.378	ng		99
38) 1-Methylnaphthalene	12.965	142	323773	36.852	ng		100
40) 1,2,4,5-Tetrachloroben...	13.111	216	154076	48.181	ng		98
41) Hexachlorocyclopentadiene	13.088	237	159484	109.512	ng		97
43) 2,4,6-Trichlorophenol	13.341	196	107591	44.206	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.417	196	117436	43.980	ng		97
46)	1,1'-Biphenyl	13.740	154	440327	45.708	ng		99
47)	2-Chloronaphthalene	13.787	162	327847	44.204	ng		99
48)	2-Nitroaniline	13.981	65	123620	41.073	ng		97
49)	Acenaphthylene	14.627	152	543962	42.873	ng		99
50)	Dimethylphthalate	14.339	163	422995	39.527	ng		100
51)	2,6-Dinitrotoluene	14.463	165	90734	42.256	ng		93
52)	Acenaphthene	14.962	154	368135m	45.572	ng		
53)	3-Nitroaniline	14.792	138	73827	27.602	ng		98
54)	2,4-Dinitrophenol	14.997	184	81322	75.125	ng		98
55)	Dibenzofuran	15.291	168	500179	42.986	ng		98
56)	4-Nitrophenol	15.091	139	172429	91.685	ng		99
57)	2,4-Dinitrotoluene	15.244	165	128690	42.862	ng		99
58)	Fluorene	15.938	166	408349	41.672	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.514	232	96766	41.614	ng		99
60)	Diethylphthalate	15.691	149	441162	39.406	ng		99
61)	4-Chlorophenyl-phenyle...	15.920	204	193489	42.542	ng		98
62)	4-Nitroaniline	15.949	138	102926	37.936	ng		98
63)	Azobenzene	16.214	77	470653	41.596	ng		98
65)	4,6-Dinitro-2-methylph...	16.002	198	59209	39.757	ng		97
66)	n-Nitrosodiphenylamine	16.131	169	357107	45.893	ng		99
67)	4-Bromophenyl-phenylether	16.813	248	122752	45.171	ng		97
68)	Hexachlorobenzene	16.936	284	132528	44.560	ng		97
69)	Atrazine	17.066	200	130555	50.906	ng		98
70)	Pentachlorophenol	17.277	266	150905	94.015	ng		96
71)	Phenanthrene	17.677	178	637461	42.847	ng		99
72)	Anthracene	17.765	178	646111	44.442	ng		100
73)	Carbazole	18.029	167	614462	45.896	ng		99
74)	Di-n-butylphthalate	18.564	149	789387	45.205	ng		100
75)	Fluoranthene	19.663	202	718071	43.572	ng		98
77)	Benzidine	19.833	184	392325	64.679	ng		100
78)	Pyrene	20.021	202	721476	40.141	ng		99
80)	Butylbenzylphthalate	20.885	149	349845	41.643	ng		97
81)	Benzo(a)anthracene	21.895	228	668196	43.187	ng		99
82)	3,3'-Dichlorobenzidine	21.795	252	148831	28.014	ng		96
83)	Chrysene	21.966	228	619309	42.981	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.766	149	512144	46.592	ng		99
85)	Di-n-octyl phthalate	23.041	149	852340	52.008	ng		96
87)	Indeno(1,2,3-cd)pyrene	29.251	276	776380	43.968	ng	#	86
88)	Benzo(b)fluoranthene	24.234	252	691307	45.854	ng	#	95
89)	Benzo(k)fluoranthene	24.304	252	672476	44.043	ng	#	96
90)	Benzo(a)pyrene	25.162	252	610950	47.213	ng	#	95
91)	Dibenzo(a,h)anthracene	29.316	278	664960	45.966	ng	#	91
92)	Benzo(g,h,i)perylene	30.479	276	658536	46.991	ng	#	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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